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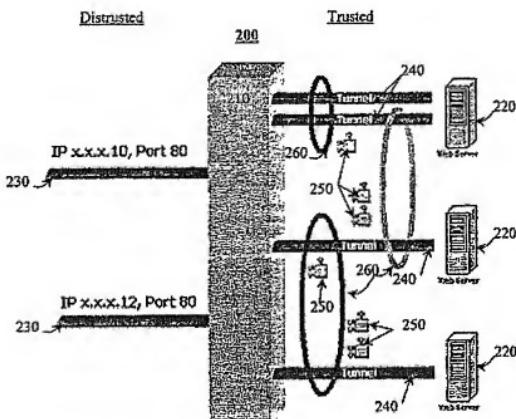
(12) Patent Application:

(11) CA 2441230

(54) APPLICATION LAYER SECURITY METHOD AND SYSTEM

(54) PROCEDE ET SYSTEME DE SECURITE DE COUCHES D'APPLICATIONS

Representative Drawing:



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ABSTRACT

Figure 2A illustrates an application layer security system (200) according to an embodiment of the invention. Particularly, protective layer (210) is implemented between a distrusted environment and trusted environment including one or more applications residing on one or more web servers (220). Protective layer (210) protects trusted applications from malicious operation requests sent via a distrusted source. Each incoming operation request can comprise a plurality of requested commands, parameters, and parameter values to be performed by and application. Incoming operation requests may be received as external HTTP traffic via one or more ports (230). Security system (200) includes tunnels (240) to support single, distributed, or share applications. Tunnels (240) are protocol based, e.g., TCP/IP, connections between the distrusted and trusted environments. Each tunnel (240) can implement and validate a specified application protocol, such as, for example, HTTP, HTTPS, SOAP. System (200) further includes one or more pipes (250) to provide to protect or monitor functionality of the applications, and the system also includes web applications (260). Further, web applications (260) can customize pipes execution to specific application paths.

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